

Fig.1

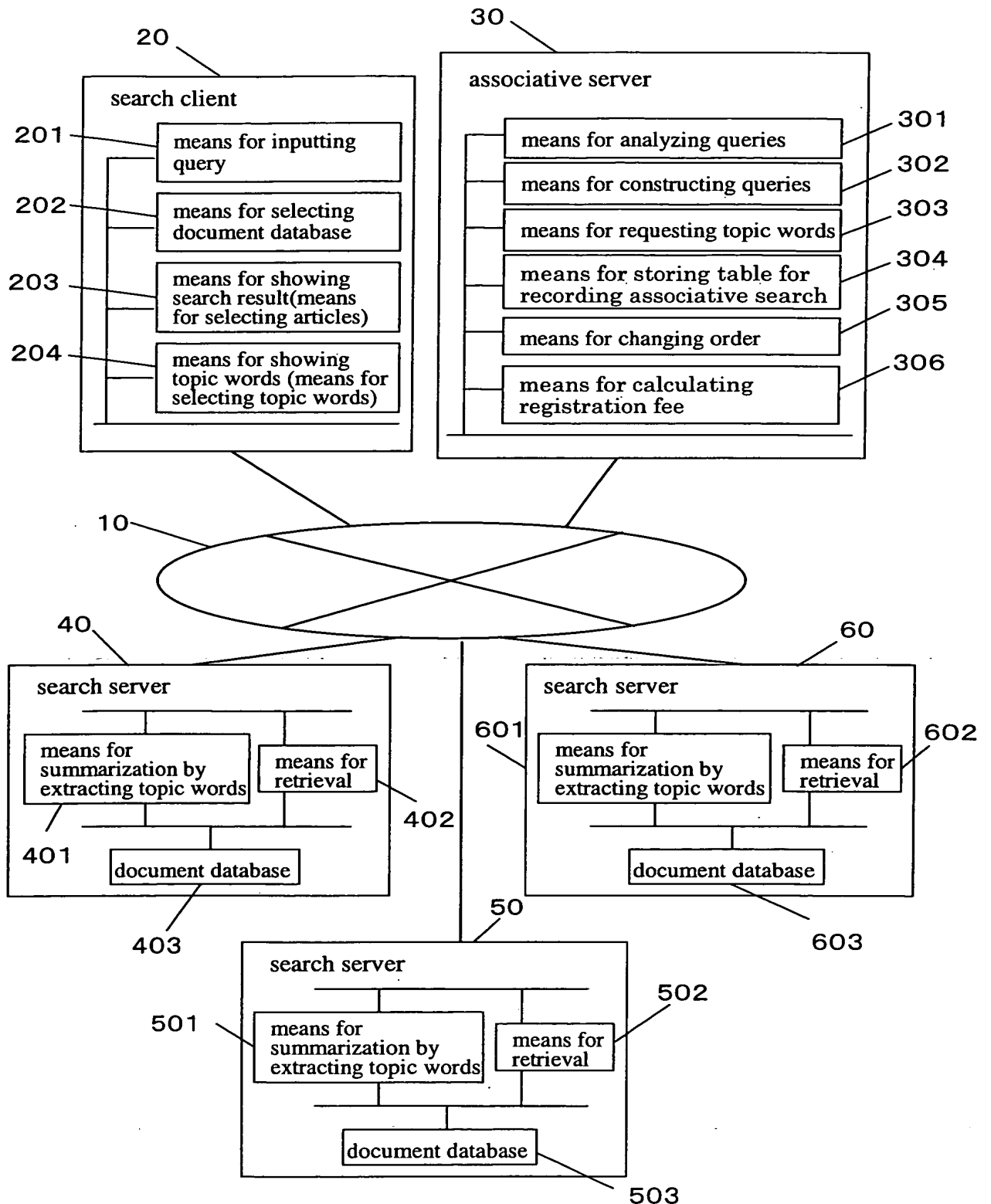


Fig.2

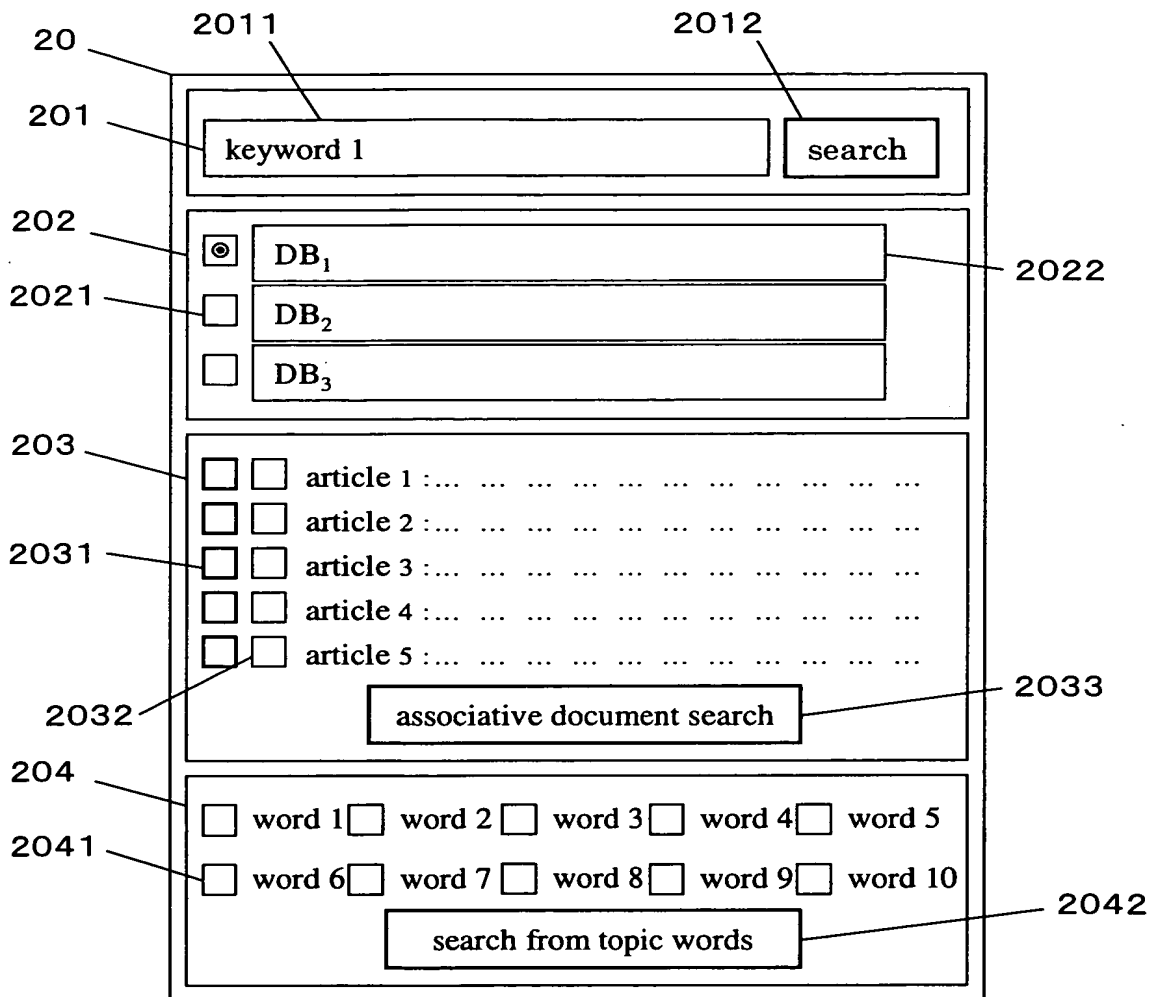


Fig.3

From \ To	DB ₁	DB ₂	DB ₃	Total
DB ₁	x_{11}	x_{12}	x_{13}	X_1
DB ₂	x_{21}	x_{22}	x_{23}	X_2
DB ₃	x_{31}	x_{32}	x_{33}	X_3
Keyword	x_{41}	x_{42}	x_{43}	X_4
Total	Y_1	Y_2	Y_3	

$$X_i = \sum_{j=1}^3 x_{ij}$$

$$Y_j = \sum_{i=1}^4 x_{ij}$$

Fig.4

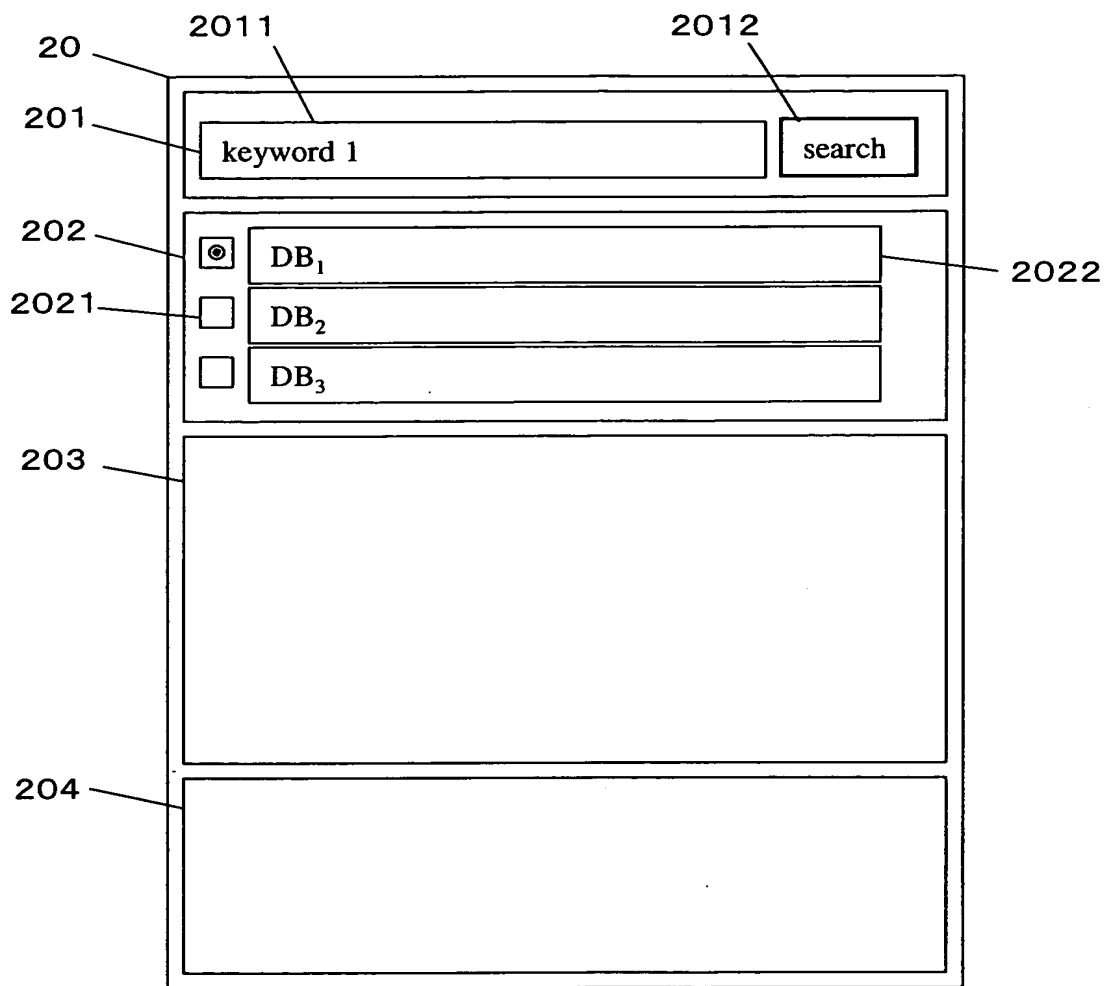


Fig.5

From \ To	DB ₁	DB ₂	DB ₃	Total
DB ₁	10	20	30	60
DB ₂	...	...	...	...
DB ₃	...	...	...	...
Keyword	60	40	20	120
Total	...	...	...

Fig.6

The diagram illustrates a search interface layout with the following components and labels:

- 20**: The overall search interface frame.
- 201**: A text input field containing "keyword 1".
- 2011**: The "keyword 1" text input field.
- 2012**: A "search" button.
- 202**: A section containing three database selection options:
 - ☐ DB₃
 - ☐ DB₂
 - ☒ DB₁
- 2021**: The selection checkboxes for the databases.
- 2022**: The database selection area.
- 203**: A section containing five article selection options:
 - ☐ ☐ article 1 :... ..
 - ☐ ☐ article 2 :... ..
 - ☐ ☐ article 3 :... ..
 - ☐ ☐ article 4 :... ..
 - ☐ ☐ article 5 :... ..
- 2031**: The selection checkboxes for the articles.
- 2032**: A button labeled "associative document search".
- 2033**: The article selection area.
- 204**: A section containing ten word selection options:
 - ☐ word 1 ☐ word 2 ☐ word 3 ☐ word 4 ☐ word 5
 - ☐ word 6 ☐ word 7 ☐ word 8 ☐ word 9 ☐ word 10
- 2041**: The selection checkboxes for the words.
- 2042**: A button labeled "search from topic words".

Fig.7

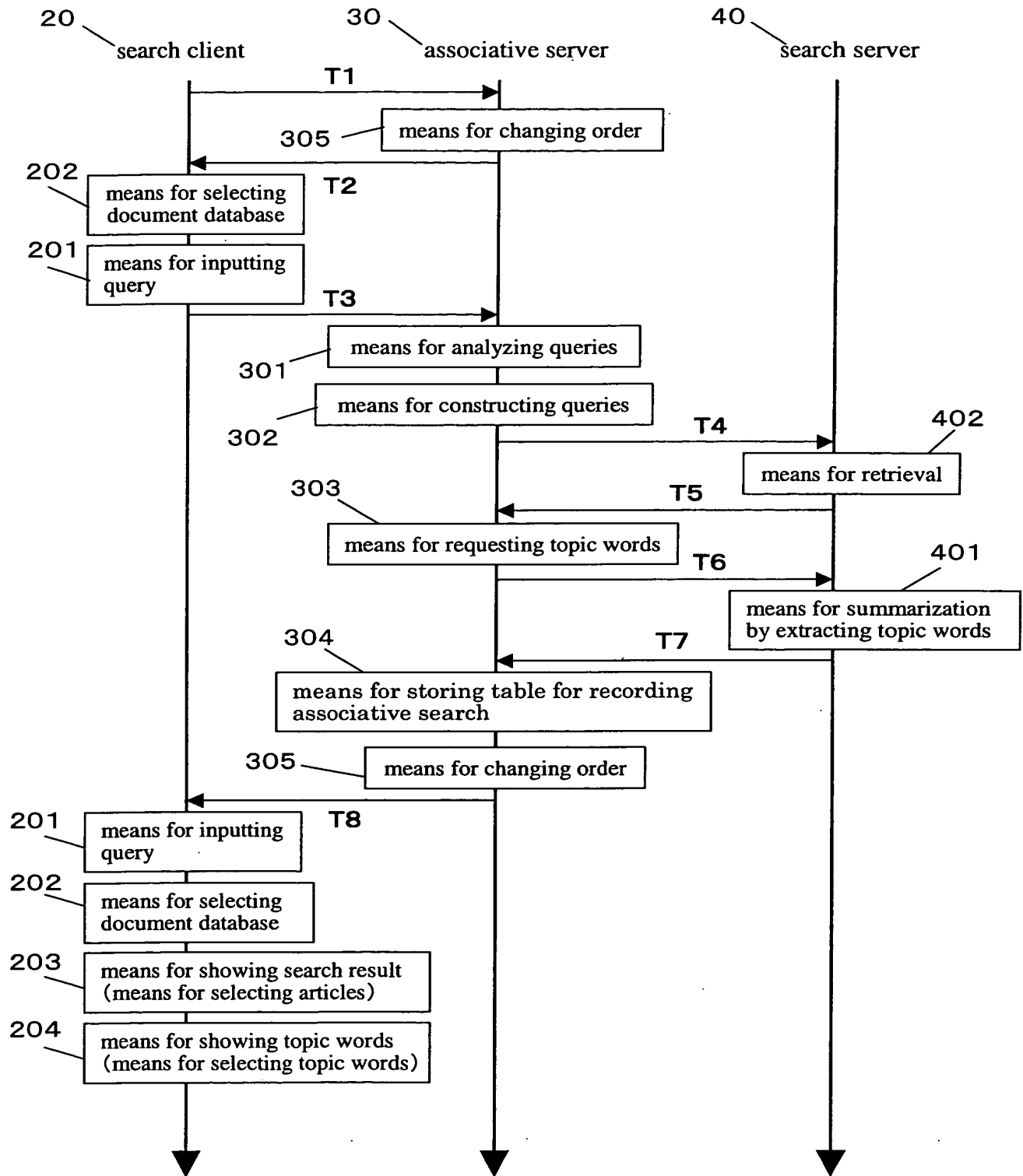


Fig.8

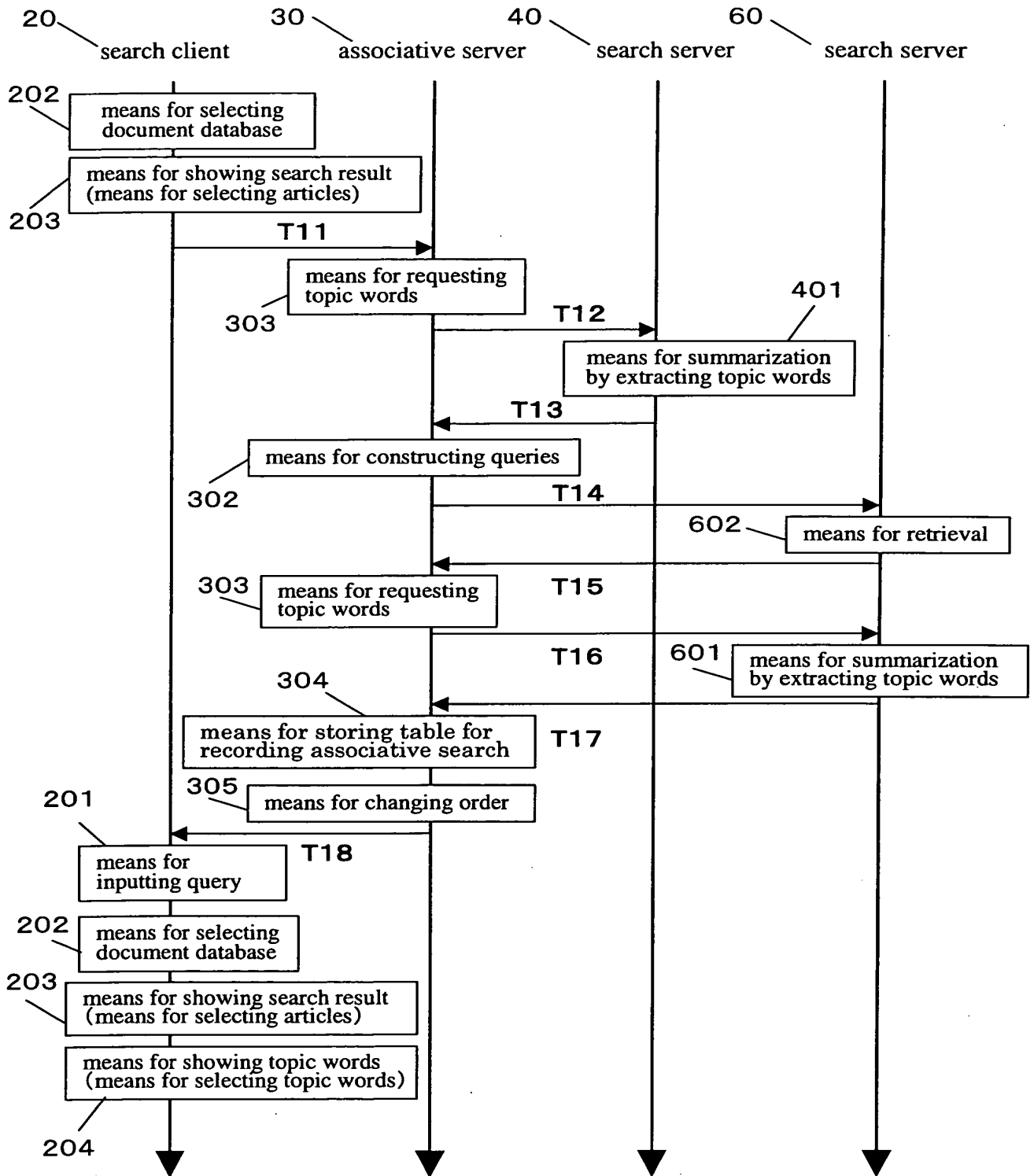


Fig.9

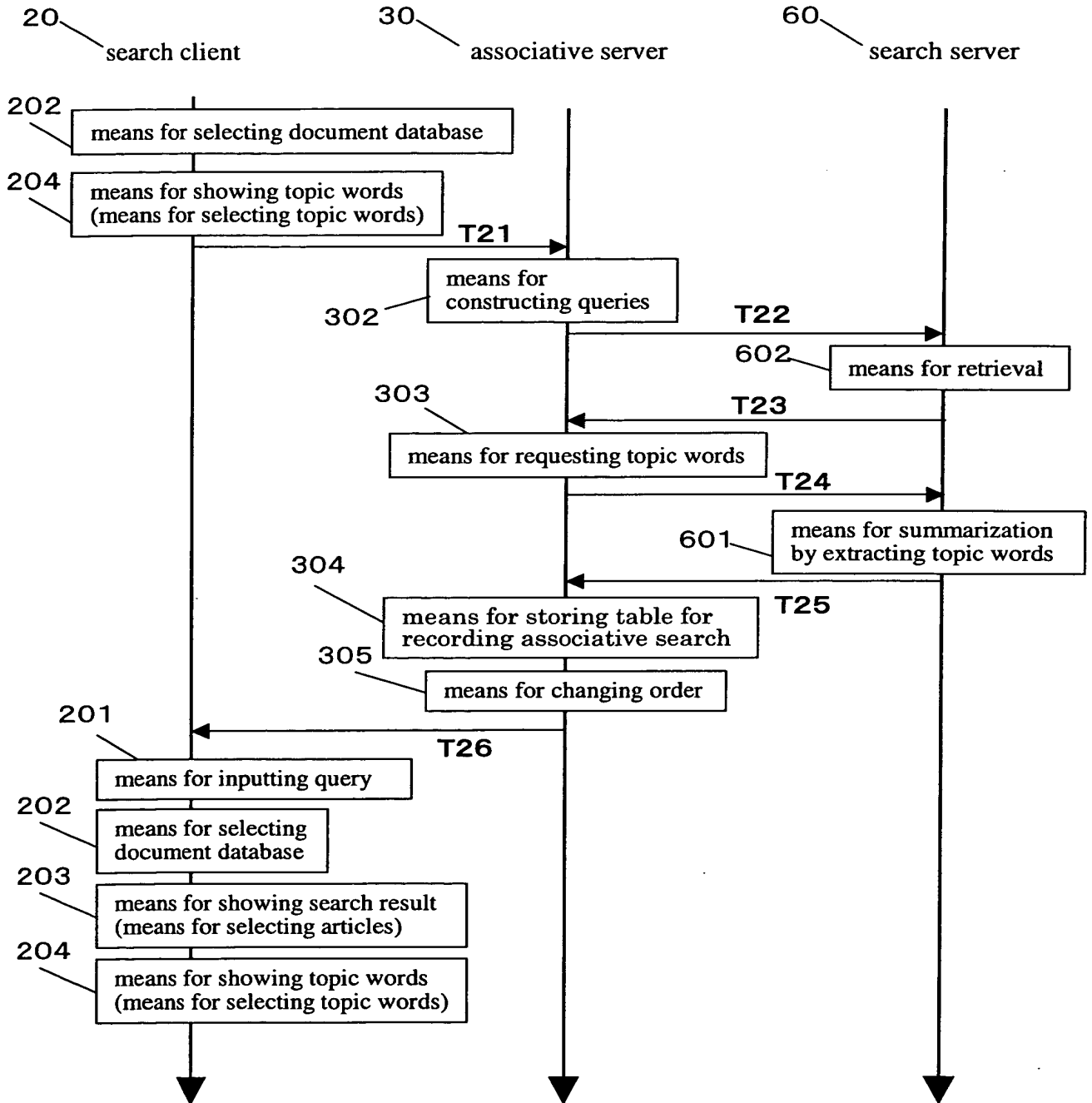
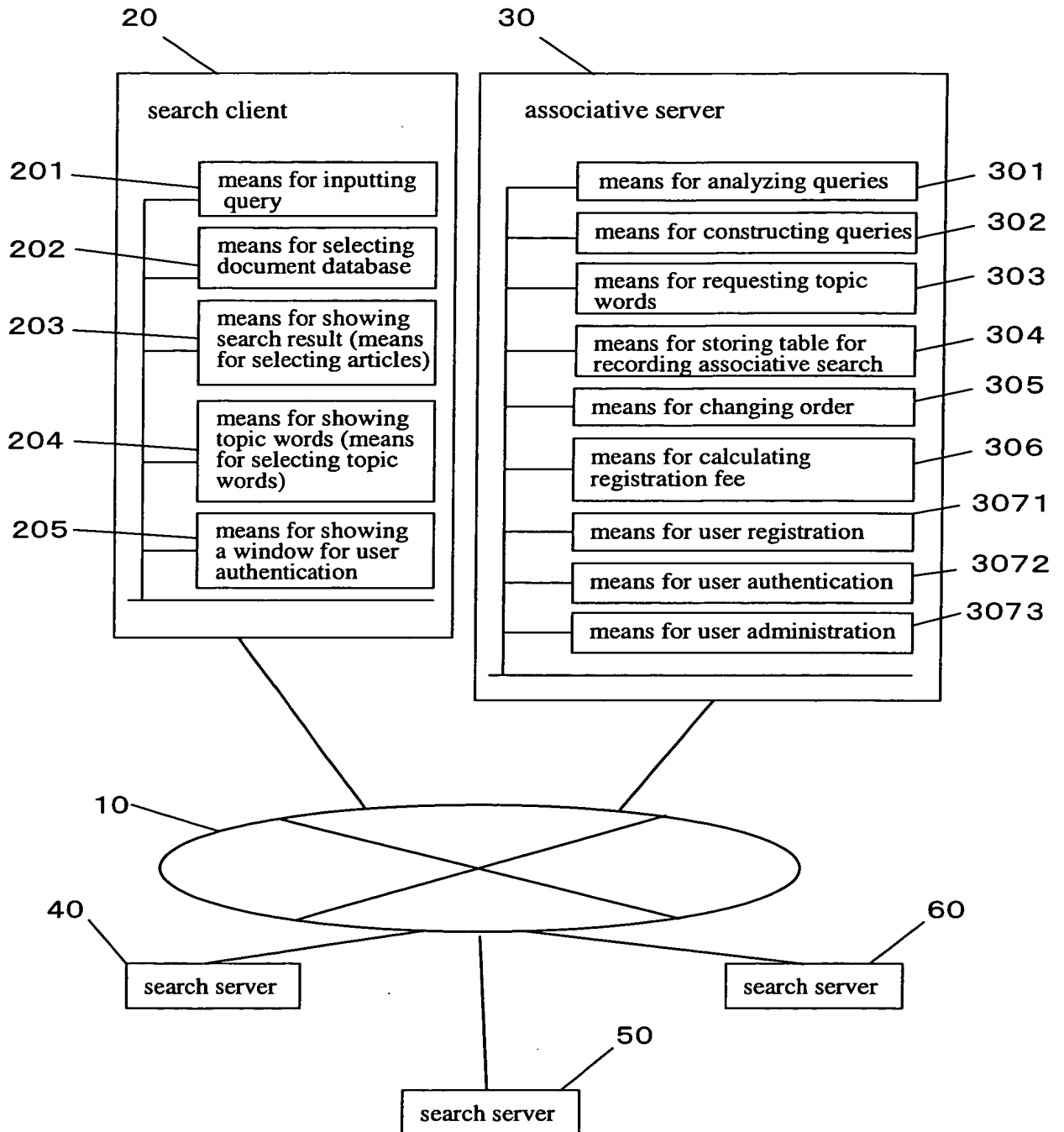


Fig.10



09042905 083101
T07E80" 50624660

Fig.11

A diagram of a user interface form for login and registration. The form is a large rectangle containing two input fields and two buttons. The first input field is labeled "user :" and the second is labeled "password :". Below the "password :" field are two buttons: "login" on the left and "register" on the right. Five labels with leader lines point to specific parts of the form: 205 points to the top-left corner of the form; 2051 points to the top-right corner; 2052 points to the right side of the "password :" input field; 2053 points to the "login" button; and 2054 points to the "register" button.

205

2051

2052

2053

2054

user :

password :

login

register

Fig.12

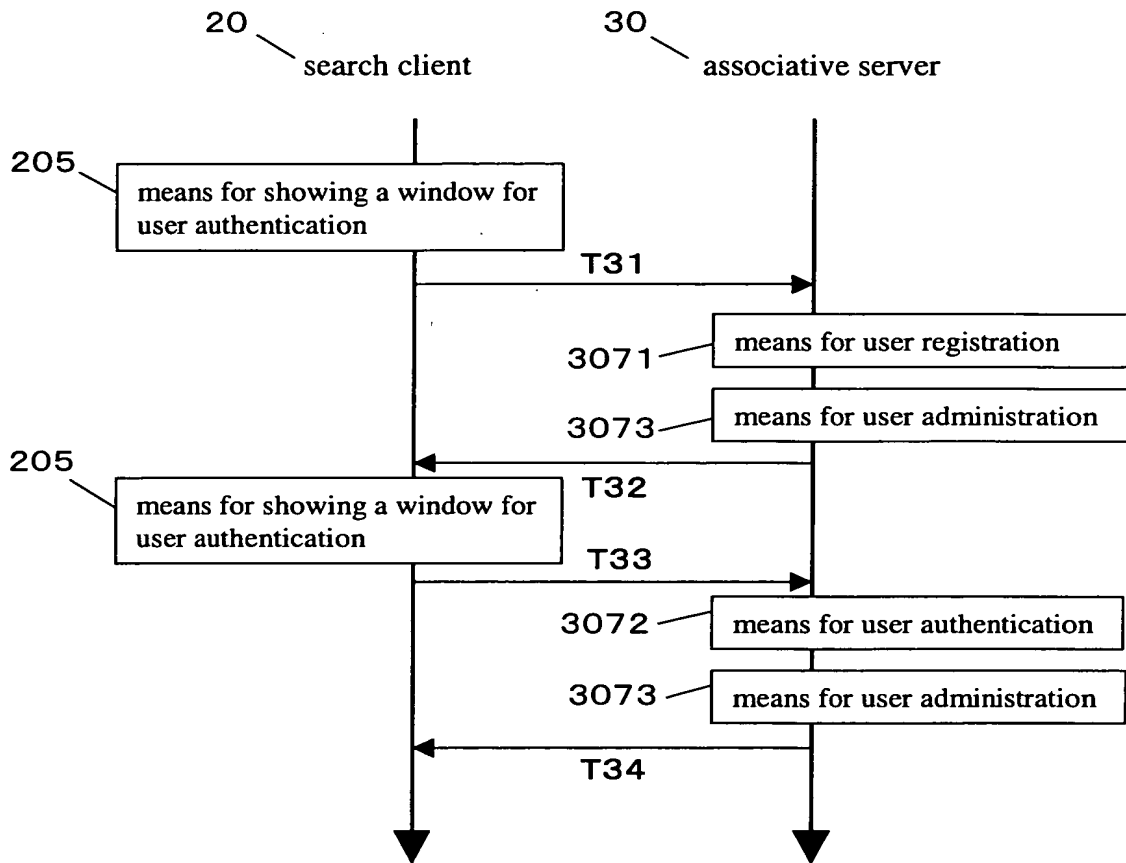


Fig.13

Table ID: 3

Table ID: 2

Table ID: 1

From \ To	DB ₁	DB ₂	DB ₃	Total
DB ₁	x_{11}	x_{12}	x_{13}	X_1
DB ₂	x_{21}	x_{22}	x_{23}	X_2
DB ₃	x_{31}	x_{32}	x_{33}	X_3
Keyword	x_{41}	x_{42}	x_{43}	X_4
Total	Y_1	Y_2	Y_3	

Fig.14

user ID	user name	password	table ID	registration date
11	AAAA	****	1	YYYYMMDD
22	BBBB	****	2	YYYYMMDD
33	CCCC	****	3	YYYYMMDD

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T0TFR0"50624660